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NEW SPECIES OF HETEROCERA (LEPIDOPTERA) FROM
CENTRAL AND SOUTH AMERICA.

By W. SCHAUS, *Bureau of Entomology, U. S. Department of Agriculture.*

SATURNIIDAE.

Ormiscodes cutteri, new species.

Male.—Head and mesothorax flesh ocher; a dorsal black patch on collar and broad black streaks on shoulders; metathorax old rose; abdomen black with sublateral yellowish spots; anal hairs old rose; antennae pinkish cinnamon; palpi and legs fringed with old rose. Fore wing vinaceous fawn faintly suffused with Japan rose; an ochraceous buff streak on costa from beyond base and not reaching apex; veins finely black; a thick outbent antimony yellow mark at end of cell with projecting whitish tooth along vein 4 to beyond postmedial line which is rather broad, blackish, straight and inbent, cut by the discal tooth; cilia on termen and inner margin geranium pink. Hind wing and cilia geranium pink; veins black; a postmedial and broad subterminal blackish shade. Fore wing below suffused with buffy brown, the inner margin whitish; no discal mark; veins black; postmedial line macular, reddish. Hind wing below pale ochraceous buff; costa white; veins black; a postmedial reddish line; a broad subterminal drab shade.

Expanse 67 mm.

Habitat.—Azogues, Ecuador.

Type.—Cat. No. 33249, U. S. N. M.

Named in honor of Mr. V. M. Cutter, President of the United Fruit Company.

Hylesia petena, new species.

Male.—Palpi and frons ferruginous; vertex, collar, thorax, and dorsal tufts of abdomen at base black; the abdomen otherwise dorsally cinnamon brown; anal hairs vinaceous rufous. Fore wing livid brown, suffused with blackish towards apex; an oblique black fascia from base of cell to inner margin; faint traces of a double dark postmedial line. Hind wing livid brown, the inner margin broadly suffused with vinaceous brown; a fine pecan brown discocellular line; very faint traces of a darker postmedial line. Wings below deep livid brown, the postmedial line more distinct.

Female.—Head and thorax vinaceous brown mottled with yellowish hairs; abdomen above olive brown, also mottled with yellowish hairs; long lateral tufts of ochraceous buff hairs, with shorter similar hairs ventrally. Fore wing

livid brown; a broad vertical dark vinaceous brown bar on discocellular and a broad similar outer fascia from costa to inner margin. Hind wing paler; veins at cell russet vinaceous; a faint darker postmedial shade.

Expanse ♂ 47 mm.; ♀ 62 mm.

Habitat.—Peten, Guatemala.

Type.—Cat. No. 33250, U. S. N. M.

Nearest *H. hamata* Schs. Abdomen darker in both sexes. Wings more brilliantly colored. The outer fascia in female of even width, not diffuse on outer edge; the discal bar much broader.

A mass of cocoons in a web surrounding the branch of a tree received from Guatemala, the moths emerging over a period of two years.

***Hylesia olivenca*, new species.**

Male.—Body drab, the abdomen dorsally mottled with cinnamon hairs. Wings brownish drab. Fore wing: a broad, vertical, white antemedial line; a similar slightly inbent postmedial line more darkly edged basad, this shade suffusing with the blackish spot at end of cell; some irregular terminal whitish shading from vein 4 to tornus; a terminal white spot below apex. Hind wing: a darker postmedial shade including the dark discal spot followed by a faint whitish shade.

Expanse 45 mm.

Habitat.—Bogota, Colombia; São Paulo de Olivença, Amazonas.

Type.—Cat. No. 33251, U. S. N. M.

Closely allied to *H. novex* Dognin, which has the discal spots quite separate from the dark shading of postmedial line; it is also smaller in both sexes. Three males and two females in National Museum.

***Hylesia palcazua*, new species.**

Male.—Head and thorax deep brownish drab, the abdomen somewhat paler, mottled with buffish brown hairs. Wings light cinnamon drab. Fore wing: a small dark spot on discocellular; a deep brownish drab postmedial shade, outcurved on costa, inbent and broader from vein 6 to inner margin, joined at vein 6 by a fine dark line, also outcurved at costa; terminal space mostly pale drab gray; a fine dark subterminal line inbent to below vein 6, then sinuous and vertical to inner margin; a terminal dark shade below vein 8, narrowing to a point at vein 3. Hind wing: a dark discal point; traces of postmedial and subterminal dark lines.

Female with fore wing broad, more quadrate; the markings almost as in male; the discocellular mark on fore wing more linear; the pale markings of terminal area consisting of a broad shade on outer side of subterminal line from vein 6 to tornus.

Expanse ♂ 42 mm.; ♀ 53 mm.

Habitat.—Palcazu, East Peru.

Type.—Cat No. 33252, U. S. N. M.

One male and three females in National Museum.

***Hylesia biolleya*, new species.**

Male.—Head and thorax hair brown; abdomen hair brown at base, otherwise ochraceous orange. Fore wing hair brown; base suffused with drab gray limited by a faint whitish vertical shade before middle of wing; a darker patch over discocellular; postmedial line fine, darker, outangled below costa and slightly inbent to inner margin, outwardly edged by a narrow whitish shade, somewhat broader on costa; an irregular whitish subterminal shade from apex to vein 3, expanding to termen from vein 3 to tornus. Hind wing hair brown; a darker postmedial narrow shade.

Expanse 40 mm.

Habitat.—Costa Rica.

Type.—Cat. No. 33253, U. S. N. M.

Two males collected by P. Biolley.

***Citheronia guayaquila*, new species.**

Male.—Head and thorax cream white, with some grayish shading. Abdomen above flesh ocher with maize yellow segmental lines. Fore wing brownish drab, the pale markings yellowish white; a spot at base below cell and similar scaling at base of inner margin; a large spot at end of cell containing, and followed by, macular lines of ground color; a large spot on costa at apex, its lower edge inbent below apex and sinuous, and from vein 6 a broken series of small spots inbent to middle of inner margin, connected by a slightly darker shade than ground color, the largest spot below vein 4, a point below vein 3, and small spot on inner margin; a faint yellowish subterminal line, deeply lunular. Hind wing: costa broadly maize yellow; basal half of inner margin suffused with deep brownish vinaceous; postmedial and terminal space dark grayish brown; a subterminal pale orange yellow line, dentate to termen on veins 5 and 6, more lunular, wavy, from vein 4 to inner margin. Fore wing below with base broadly whitish yellow. Hind wing below yellowish white; a large ocher red discal spot; an outer incurved ocher red lunular line from termen at vein 7 to inner margin above anal angle, outwardly shaded with light drab; terminal light drab spots on interspaces.

Expanse 81 mm.

Habitat.—Guayaquil, Ecuador.

Type.—Cat. No. 33254, U. S. N. M.

Close to *C. claveryi* Bouvier, from which it differs in the subterminal markings of hind wing.

PERICOPIDAE.

***Pericopis shadei*, new species.**

Female.—Head, collar, thorax, and fore wings fuscous black; a few white

hairs on vertex, back of eyes, and outwardly on collar; a small orange buff spot on shoulder and one on base of costa; a small cream color spot on base of median vein; a black fascia across end of cell and another before a broad postmedial white fascia from costa to termen above vein 3; traces of some whitish scaling incurved from inner edge of white fascia above vein 3 to submedian. Abdomen and hind wing blue black, the latter with a triangular white spot between veins 3 and 5, the apex close to termen above vein 3, the upper angle extending as a line to vein 6. Wings below bluish black; a scarlet spot at base of both wings; the white spot on hind wing reduced. Legs black with a few white scales. Abdomen below with some white scaling sublaterally on terminal segments; anus orange.

Expanse 60 mm.

Habitat.—Villa Rica, Paraguay.

Type.—Cat. No. 33255, U. S. N. M.

This species is different from any I know, but may be the female of some quite different known male.

MEGALOPYGIDAE.

Euglyphis primola, new species.

Male.—Palpi pale drab gray with a black streak behind. Head mottled drab gray and fuscous. Collar dark vinaceous brown mottled with white hairs. Thorax white faintly tinged with sulphur. Abdomen vinaceous fawn. Fore wing sorghum brown faintly tinged with purple; base to near middle white crossed by indistinct subbasal and antemedial wavy grayish lines, the costa irrorated with purplish; postmedial line white slightly outangled below costa then punctiform and nearly vertical to inner margin; an irregular subterminal white line; cilia with whitish spots at veins. Hind wing vinaceous fawn, the costa and apical area mottled white and vinaceous brown; a darker medial line; a wavy subterminal white line. Fore wing below brown; costa finely, a fine postmedial line, a wavy subterminal line, a line on base of cilia and spots on cilia white. Hind wing below as above, the costa broadly darker with white mottling, the subterminal line broader and more diffused.

Expanse 34 mm.

Habitat.—Tumatumari, Potaro River, British Guiana.

Type.—Cat. No. 26238, U. S. N. M.

Near *E. mediana* Schaus in wing pattern, but distinguished by the white thorax.

EUPTEROTIDAE.

Apatelodes paraguayana, new species.

Male.—Body and shaft of antenna pale drab gray, the pectinations drab; palpi ocher red tipped and fringed with pale drab gray; fore femora ocher red; abdomen ventrally whitish irrorated with ocher red. Fore wing pale drab gray; an oblique antemedial fuscous black fascia from below cell, inbent to inner margin; a fine medial drab line, outcurved, faintly angled on submedian fold; postmedial line outangled below costa, then slightly incurved, vertical, from

below vein 6 fuscous black preceded by a triangular drab shade, its apex touching the medial line; a fuscous black subterminal mark from costa to vein 6. Hind wing: basal half cinnamon drab shaded with white along inner margin, crossed by a fine curved dark medial line ending in a small fuscous black spot on inner margin, and limited by a broad whitish, evenly curved line; terminal space suffused with light cinnamon drab with a darker shade at anal angle. Fore wing below whitish; an outcurved lunular postmedial fine line, preceded by a vertical drab shade; termen at apex van dyke brown, preceded by a white line and dark costal spot. Hind wing below: base from costa to below cell cinnamon drab, the inner margin white; a broad medial verona brown line, outwardly edged with white; termen light drab.

Expanse 26 mm.

Habitat.—Paraguay.

Type.—Cat. No. 33256, U. S. N. M.

Nearest *A. quadrata* Jones, but smaller and differently marked.

***Apatelodes ibar*, new species.**

Female.—Body light drab, the head and thorax suffused with grayish olive, the abdomen with paler segmental lines. Fore wing light drab suffused with light grayish olive; antemedial line drab, double, faintly inbent from costa; postmedial line drab, double, defined by fine darker lines, the inner line slightly outcurved below costa, the outer line outangled at vein 5; subterminal line pale, straight from costa before apex to tornus, preceded by a triangular benzo brown spot on costa and followed above vein 5 by a black point; apex acute, slightly falcate; termen slightly crenulate. Hind wing light cinnamon drab; a medial band slightly darker defined by a dark medial line, and a pale postmedial line. Fore wing below paler without the antemedial line; hind wing below brighter, the medial band mikado brown, the postmedial line distinct white.

Expanse 29 mm.

Habitat.—Cordoba, Argentina.

Type.—Cat. No. 33257, U. S. N. M.

Quite unlike any described species.

***Thelosia jorgenseni*, new species.**

Male.—Body cinnamon buff, the head and thorax somewhat darker. Fore wing cinnamon buff, the base shaded with cinnamon; a small sepia spot on discocellular; a postmedial sayal brown line from subcostal, almost vertical to inner margin, followed by a very fine dark line somewhat wavy; a fine subterminal dark lunular line from vein 7 to vein 2. Hind wing clay color, the termen cinnamon buff; a faint discal point; a medial sayal brown line, angled beyond cell and inbent to middle of inner margin; traces of a fine postmedial line, the space between the lines suffused with sayal brown. Wings below warm buff. Fore wing with the two postmedial lines slightly wavy; discal point as above; the subterminal fine, forming two short inbent streaks above and below vein 6. Hind wing: the postmedial line fine, lunular, cinnamon,

vertical from costa and inbent beyond cell to middle of inner margin; the postmedial line very fine and indistinct, lunular.

Expanse 25 mm.

Habitat.—Villa Rica, Paraguay.

Type.—Cat No. 33258, U. S. N. M.

Allied to *T. truncata* Schaus and *T. rectilinea* Dogn., but darker, especially the hind wing. The underside of hind wing is more like *T. rectilinea* Dogn.

MEGALOPYGIDAE.

Megalopyge incachaca, new species.

Male.—Frons brownish olive. Vertex, collar, and thorax yellow ocher. Abdomen light ochraceous buff. Palpi and throat mummy brown. Body below light ochraceous buff. Legs clothed with long black hairs, and a few long white hairs; fore legs with an under layer of light ochraceous buff hairs. Fore wing: base below cell to inner margin walnut brown, outwardly shaded with fuscous, and then whitish obliquely from base of vein 2 to near tornus; cell with a fine whitish line at base, and one below cell, mostly walnut brown for two-thirds, the end white; discocellular and veins from it finely black for some distance; veins 2 and 3 white at base, fold and submedian finely black; outer space to termen Naples yellow faintly shaded with brownish towards cell; none of the black lines on veins reach termen; costa white at apex. Hind wing Naples yellow. Fore wing below: costa black not reaching apex; subcostal vein white. Hind wing below: costa walnut brown.

Female.—Base of fore wing and below cell to middle yellow ocher, otherwise as in male.

Expanse ♂ 35 mm.; ♀ 55 mm.

Habitat.—Incachaca, Bolivia.

Type.—Cat. No. 33259, U. S. N. M.

Of several species described belonging to this group it is the only one with veins streaked with black.

Megalopyge guaya, new species.

Female.—Head avellaneous. Body buffy brown, the abdomen with light drab segmental shading. Fore wing: more than basal half fuscous, below cell cinnamon drab, crossed by antemedial and medial double darker lines, the scaling very hairy and undulating, mottled with whitish hairs at base and along costa, this space vertical on outer edge; outer portion of wing drab, mottled next to dark area with wavy white hairs between veins, above vein 5 shaded with whitish to apex, with three short black streaks between veins 5 and 8. Hind wing drab, cilia paler. Wings below drab, the cilia whitish.

Expanse 30 mm.

Habitat.—Villa Rica, Paraguay.

Type.—Cat. No. 33260, U. S. N. M.

The antennae are shortly pectinated. In one specimen veins

3 and 4 are shortly stalked. This is the only described species with the dark basal area vertical on outer edge.

Megalopyge sevarina, new species.

Female.—Head and thorax snuff brown mottled with cinnamon buff hairs. Abdomen clay color with sayal brown segmental lines and mottled with cinnamon buff hairs; anal hairs cinnamon buff. Fore wing light drab crossed by numerous hair brown lines, hardly traceable in cell, the third line beyond cell from subcostal to vein 5, the fourth and fifth lines suffusing below vein 5; basal third below cell shaded with cinnamon and mottled with cinnamon buff hairs; all the scaling hairy and undulating. Hind wing thinly scaled, grayish drab; some cinnamon buff hairs at base of inner margin. Wings below drab.

Expanse 48 mm.

Habitat.—San Bernardino, Paraguay.

Type.—Cat. No. 33261, U. S. N. M.

Unlike any described species; the termen of fore wing oblique, the apex and tornus rounded.

Megalopyge victoriana, new species.

Male.—Body above tawny olive, underneath paler. Fore wing: basal area, its outer edge oblique from costa to inner margin near subterminal line dark olive buff suffused with avellaneous; postmedial area forming a triangular patch from within end of cell and vein 5 to subterminal line olive buff; an irregular pale spot at end of cell followed by an oblong dark patch between costa and vein 5, on which the veins are white; subterminal line broad, pale olive buff, parallel with termen, and outwardly shaded with deep olive buff extending on veins. Hind wing pale olive buff.

Expanse 28 mm.

Habitat.—Victoria, Espirito Santo, Brazil.

Type.—Cat. No. 33262, U. S. N. M.

Belongs to the group of *M. vulpina* Berg. and *M. lanceolata* Dogn.

GEOMETRIDAE.

Argyrotome prattaria, new species.

Male.—Body and wings pale drab gray, the abdomen above shaded on terminal half with drab. Fore wing with scattered silver scales; postmedial area irrorated with drab; an oval black spot on discocellular, its upper part almost entirely covered with raised silver scales, its lower part broadly edged with ochraceous buff and then with deep grayish olive covered with silver scales; subterminal line outbent from costa and sinuous, silver, preceded by cinnamon drab shading; some drab striae on termen, and a fine cinnamon drab terminal line. Hind wing thickly irrorated with drab gray and silver; a dense patch of silvery golden scales across end of cell, expanding outwardly from above vein 4 to near inner margin; a line of silvery striae from costa near apex to tornus; small marginal silver spots below vein 6 and above vein 4, larger

silver spots above and below vein 3, these latter with black points on either side. Wings below mostly light ochraceous buff.

Expanse 30 mm.

Habitat.—Cayuga, Guatemala.

Type.—Cat. No. 33263, U. S. N. M.

Nearest *A. metallicata* Warr.

Named in honor of Mr. Geo. D. Pratt of New York, a generous contributor to the fund for the purchase of the Dognin Collection.

***Argyrotome paraguayaria*, new species.**

Male.—Palpi and frons sayal brown. Vertex and thorax white. Abdomen white irrorated with olive gray, leaving white segmental lines. Wings white with scattered silver scales. Fore wing: costa finely light buff; a black discal spot almost entirely covered with raised silver scales, circled with pinkish buff, then narrowly with hair brown and basad with dense clusters of silver striae; a very faint postmedial tillule buff narrow shade, followed by a broader line of hair brown striae on a cream color shade; subterminal line outcurved cinnamon buff, edged inwardly with silver scales on interspaces. Hind wing: a faint light drab shade on discocellular; postmedial and subterminal drab striae with clusters of silver scales on interspaces between them; termen narrowly cinnamon buff, preceded by small black spots almost completely covered with raised silvery scales, the largest above and below vein 3, the smallest above and below vein 6.

Expanse 23 mm.

Habitat.—Paraguay.

Type.—Cat. No. 33264, U. S. N. M.

Intermediate between *A. alba* Druce and *A. melae* Druce, but quite distinct from either.

Described from a small series.

***Asestra psalmoidaria*, new species.**

Male.—Body and wings avellaneous, rather browner than Ridgway's color. Fore wing: an antemedial hair brown line, outcurved at costa and inbent to near base of inner margin; a postmedial tawny olive line slightly sinuous, vertical to submedian fold, then slightly inbent to inner margin; a fine dark subterminal line, outwardly pale edged, outbent on costa with minute black points on veins from costa to vein 5, the line inbent from vein 5, outbent at vein 2, angled on fold and inbent to inner margin; an irregular broad tawny olive shade on terminal area. Hind wing: an antemedial hair brown line; postmedial line fine outwardly edged with white points; a tawny olive shade on terminal area expanding at vein 2 to termen, above narrowing to anal angle. Wings below buffish suffused with light vinaceous brown, chiefly on fore wing; antemedial line very faint; black points on discocellulars; postmedial line more heavily pale edged on fore wing, faint on hind wing, which has a subterminal line of black points on veins.

Expanse 35 mm.

Habitat.—Volcan Sta Maria, Guatemala.

Type.—Cat. No. 33265, U. S. N. M.

Allied to *A. cabiria* Druce; the lines quite different.

***Hygrochroma lincanaria*, new species.**

Male.—Body and wings brownish drab suffused with neutral gray. Fore wing: antemedial line fine, olive brown, outcurved and lunular; the outangled shade before postmedial olive brown, with an oblong grayish shade above it on costa; postmedial line fuscous, oblique and excurved below costa, straight and inbent from vein 7, followed by an irregular olive brown shade. Hind wing similar in color, the olive brown shading before postmedial extending to base in and below cell; a broad subterminal olive brown shade, its outer edge dentate. Wings below paler. Fore wing: some fine striae from base to postmedial, not reaching inner margin; whitish scaling along outer edge of postmedial; a subterminal incurved white line from costa followed by olive brown to apex and vein 6, below 6 the line is faint, lunular, whitish; a narrow darker shade from costa across discocellular to vein 2. Hind wing: a faint medial shade; postmedial fine; subterminal short white streaks on veins.

Expanse ♂ 37 mm.; ♀ 44 mm.

Habitat.—Volcan Sta Maria, Guatemala.

Type.—Cat. No. 33266, U. S. N. M.

Very similar to *H. olivinaria* H. S. but easily distinguished by the subterminal markings on underside of hind wing. *Olivinaria* has a distinct subterminal dentate white line.

***Selenia mariaria*, new species.**

Male.—Body wood brown. Fore wing: base and terminal area avellaneous suffused with vinaceous fawn; a fine fuscous antemedial line outangled in cell; medial space darker, almost benzo brown before postmedial line, the darker shading oblique from costa above discocellular to postmedial line; postmedial line fuscous, outbent to vein 7, lunular to vein 5 outwardly edged with white, then inbent to vein 3 at cell, slightly wavily outbent to near submedian and inbent to inner margin; a few black specks on terminal area. Hind wing wood brown; a faint dark medial line; postmedial and subterminal lines fine, faint, better defined on inner margin where they are outwardly edged with white. Wings below paler. Fore wing: a line on discocellular, the postmedial fine, inbent, and traces of an irregular subterminal line. Hind wing below with a black spot on discocellular; a fine postmedial line; subterminal line macular interrupted.

Expanse 37 mm.

Habitat.—Volcan Sta Maria, Guatemala.

Type.—Cat. No. 33267, U. S. N. M.

Nearest to *S. narcaea* Druce, but quite distinct.

***Selenia blaziaria*, new species.**

Male.—Body light cinnamon drab. Wings light cinnamon drab with grayish

suffusions, finely striated with hair brown. Fore wing: base of costa with hair brown scaling; a subbasal small dark spot on submedian; antemedial line hair brown with small darker spots on costa, subcostal vein and above submedian; a faint dark medial shade, outangled below costa with some dark spots on costa, discocellular and at base of vein 3, and followed except on costa by a tawny shade to postmedial; postmedial line fine, black, slightly outangled below costa, then inbent, sinuous to inner margin, partly edged outwardly with whitish gray, sometimes followed by two small hair brown spots above and below vein 3; an excurved subapical white line from costa. Hind wing: costa whitish to postmedial line; a black point on discocellular; postmedial line fine, black partly edged outwardly with whitish, and followed by a tawny shade. Wings below cream buff striated with hair brown; postmedial line very fine, straighter; dark points on discocellulars; subapical line of fore wing reaching vein 5 followed by rood's brown to termen.

Expanse 40 mm.

Habitat.—Popocatepetl, Mexico, between 8,000 and 10,000 feet.

Type.—Cat. No. 33268, U. S. N. M.

Nearest *S. ricochetta* Dyar, larger, the markings less defined, the underside without the strong lines, or the terminal orange spot on fore wing.

***Selenia abramaria*, new species.**

Male.—Body drab gray. Wings drab gray. Fore wing with a few brownish striae; medial area suffused with light cinnamon drab; antemedial line hair brown almost vertical; a fine medial dark lunular line from subcostal to inner margin; postmedial line excurved on costa, angled below vein 7 inbent and sinuous, fuscous on costa and from vein 7 to vein 5, then very faint brownish followed by small faint spots above and below vein 3; a black line on discocellular; a subterminal curved white line from costa. Hind wing rather paler, the costa whitish; a black discal point; faint medial and postmedial lines. Wings below paler, duller, the markings faintly indicated; apex of fore wing light drab.

Expanse 30 mm.

Habitat.—Popocatepetl, Mexico, between 8,000 and 10,000 feet.

Type.—Cat. No. 33269, U. S. N. M.

Allied to *S. blaziaris* Schaus, but smaller, grayer with the markings less defined.

***Perigramma guatemalensis*, new species.**

Male.—Palpi and head olive brown, the fringe at base of palpi, vertex behind, neck, throat, shoulders, and fore femora buff yellow; legs white partly streaked with hair brown. Body white, anal hairs yellowish buff. Wings white. Fore wing: costa finely light brownish olive, slightly expanding on outer half; a narrow deep olive buff fascia outbent from middle of costa to inner margin

well before tornus. Hind wing: a fascia as on fore wing from middle of costa vertical to inner margin before anal angle. Wings below white.

Expanse ♂ 37 mm.; ♀ 40 mm.

Habitat.—Cayuga, Guatemala.

Type.—Cat. No. 33270, U. S. N. M.

Near *P. cesata* Druce which has no fascia on hind wing, and the fascia on fore wing ends close to tornus.

***Scordylia guatica*, new species.**

Male.—Body and wings mouse gray. Fore wing: an oblique white fascia from middle of costa where it is narrow, expanding and ending on vein 2 before termen; apical space somewhat darker. Fore wing below with costa, apex, and termen suffused with brick red irrorated with whitish scales. Hind wing below brick red irrorated with whitish scales.

Expanse 20 mm.

Habitat.—Volcan Sta Maria, Guatemala.

Type.—Cat. No. 33271, U. S. N. M.

Belongs to the group of *S. anicata* Feld, and *S. mortipax* Butl., still smaller than the latter species.

***Synneuria cannonaria*, new species.**

Male.—Body light drab, the abdomen with fine white segmental lines. Wings light orange yellow; cilia white with quadrate black spots, and suffused at base with buff pink. Fore wing: a postmedial cinnamon drab elongated spot on costa; apex broadly black narrowing to just below vein 3 at termen; sub-terminal buff pink points on veins 7 and 8. Hind wing: apex more narrowly black containing a triangular light orange yellow spot on costa. Fore wing below as above, the costa and apex argus brown; a vertical white postmedial line from costa to vein 6; an inbent white line before apex to below vein 7; a dentate white marginal line from above vein 5 to vein 3. Hind wing below argus brown, the markings white; base of costa down bent as a broad fascia through end of cell to termen between veins 4 and 5; a dark spot at upper angle of cell on fascia; an antemedial line from fascia to inner margin; a medial curved line above and below fascia; a white mark at apex and short line at anal angle.

Expanse 31 mm.

Habitat.—Volcan Sta Maria, Guatemala.

Type.—Cat. No. 33272, U. S. N. M.

Named in honor of Mr. H. W. Cannon, a subscriber to the Dognin Collection Fund.

THREE NEW PHLÆOTHRIPIDÆ (THYSANOPTERA) FROM THE DISTRICT OF COLUMBIA.

By J. DOUGLAS HOOD, *University of Rochester*.¹

One of the new species described below was collected nearly forty years ago by the late Theodore Pergande, of the Bureau

¹Contribution from the Entomological Laboratories of Cornell University.